

IN THE SPECIFICATION

Please amend the specification as follows:

On page 7, please amend the paragraph beginning on line 16 as follows:

As illustrated in FIG. 6, if amplifier 522 were to be out of service, signals can still be applied to antenna B 542E via switches 610 and 628 and signal path 640. The illustrated switching network architecture permits a signal from either amplifier (502 or 522) to be applied to antennae 542A-542F.

On page 8, please amend the paragraph beginning on line 5 as follows:

To meet reliability requirements, the architecture of FIG. 7 requires that the frequency converters 704 array include redundancy modules 750 with switches and spare frequency converters 744-748. Dedicated spare TWTA modules 738 must also be provided, and these dedicated spares cannot be used to power additional spot beams. This effectively requires 4 rows of switches that are usable for redundancy purposes only. Further, after amplification by a TWTA, each signal must pass through the redundancy switch and several beam select switches. This causes additional loss of RF signal strength from the requisite waveguides and switches. If additional beam selection is required, yet another row of switches must be added to the architecture, increasing RF losses and further complicating the design.